

WHAT IS CLAIMED IS:

1. An image processing apparatus provided with reader means for reading an original image, connection means for connection with a network to which plural computers are connected, and transfer means for transferring the image data, read with said reader means, to a computer through said connection means, comprising:

specifying means for specifying desired one among the computers connected through said connection means; and

designation means for designating image reading by said reader means;

wherein said transfer means is adapted to transfer the image data, read by said reader means in response to the designation by said designation means, to a computer specified by said specifying means.

2. ^a An image processing apparatus according to claim 1, further comprising list display means for displaying a list of the computers connected through said connection means and designation means for designating desired one among the computers displayed by said list display means;

wherein said specifying means is adapted to specify a desired computer by the designation with said designation means.

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3. An image processing apparatus according to claim 1, wherein said specifying means is adapted to specify a desired computer by the input of a predetermined password.

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4. An image processing apparatus according to claim 1, further comprising setting means for setting a file name of the image data read by said reader means.

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5. An image processing apparatus according to claim 1, further comprising readout means for reading the content of a detachable memory medium storing information for specifying the desired computer by said specifying means;

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wherein said specifying means is adapted to specify the desired computer by reading, when said memory medium is set, the content thereof with said readout means.

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6. An image processing apparatus according to claim 1, further comprising state display means for displaying that the access is being made to the computer specified by said specifying means.

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7. An image processing apparatus according to claim 1, further comprising detection means for detecting whether an operator is present or not and

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release means for releasing the communication with the computer specified by said specifying means, based on the detection by said detection means.

5 8. An image processing apparatus according to claim 5, further comprising means for releasing the communication with the computer specified by said specifying means, in case said memory medium is detached.

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9. An image processing apparatus according to claim 1, further comprising memory means for storing the history of transfer by said transfer means.

15 10. An image processing apparatus comprising:
reader means for reading an original image;
interface means connectable to a local area
network;

LAN information memory means for storing
20 information on the user or the client on said local
area network;

25 designation means for designating a user or a client on said local area network to which the image data read by said reader means are to be transferred, based on the information stored in said LAN information memory means; and

image memory means for storing the image data read

by said reader means in correlation with the user
and/or the client designated by said designation means.

11. An image processing apparatus according to
5 claim 10, further comprising:

first reception means for receiving information on
the user and/or the client on said local area network,
at a predetermined interval from said user and/or
client; and

10 first renewal means for renewing the information
stored in said LAN information memory means, based on
the information received by said first reception means.

12. An image processing apparatus according to
15 claim 10, further comprising:

second reception means for receiving information
on the user and/or the client on said local area
network, from said user and/or client, when a
designating operation is initiated by said designation
20 means; and

second renewal means for renewing the information
stored in said LAN information memory means, based on
the information received by said second reception
means.

25 13. An image processing apparatus according to
claim 10, further comprising:

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confirmation means for confirming whether the information on the user and/or the client designated by said designation means is renewed;

third reception means for receiving information on the user and/or the client, from the user and/or client designated by said designation means, when the renewal of said information is confirmed by said confirmation means; and

third renewal means for renewing the information stored in said LAN information memory means, based on the information received by said third reception means.

14. An image processing apparatus according to claim 13, further comprising informing means for informing the renewal, in case the renewal of the information on the user and/or the client is confirmed by said confirmation means.

15. An image processing apparatus according to claim 10, further comprising:

detection means for detecting that the information on the user and/or the client on said local area network is renewed;

fourth reception means for receiving information on the user and/or the client on said local area network, from said user and/or client, in case said detection means detects the renewal of the information

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on the user and/or the client; and

fourth renewal means for renewing the information
stored in said LAN information memory means, based on
the information received by said fourth reception
5 means.

16. An image processing apparatus according to
claim 15, wherein said fourth renewal means is adapted
to renew the information on the user and/or the client,
10 only for the user and/or the client for which the
renewal of the information is detected by said
detection means.

17. An image reading apparatus provided with
15 connection means for connection with a network
consisting of plural external equipment, comprising:

image reader means for entering an image as read
image data;

destination designation means for designating an
20 external equipment as the destination of said entered
image data, among said plural external equipment;

output instruction means for instructing the
output of said entered image data; and

output means for outputting said entered image
25 data in discontinuous manner in plural packets, in
response to said instruction, to said designated
external equipment.

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18. An image reading apparatus according to claim 17, further comprising:

area designation means for designating a specified area in said image;

5 wherein said output means is adapted to release the image data corresponding to said designated area.

19. An image reading apparatus according to claim 17, further comprising:

10 image process mode designation means for designating an image process mode; and

image process means for applying a predetermined image process to said entered image data, based on said designated image process mode;

15 wherein said output means is adapted to release the image data subjected to the image process.

20 20. An image reading apparatus according to claim 17, further comprising image forming means for forming an image based on said entered image data and copy process means for copying said formed image;

25 wherein said copy process means includes at least one of copy process mode designation means for designating the mode of copy process and also serving as at least either of said destination designation means and said output instruction means, copy area designation means for designating an image area

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relating to the copy process and also serving as said
area designation means, and copy image process means
for applying a predetermined image process to the image
data relating to the copy process and also serving as
5 said image process means.

21. An image reading apparatus according to claim
17, wherein said destination designation means includes
display means for displaying a list for recognizing the
10 external equipment connected to said network, and is
adapted to designate the destination external equipment
from said displayed list.

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22. An image reading apparatus according to claim
15 17, wherein said destination designation means includes
registration means for registering the external
equipment in advance, and display means for displaying
a list for recognizing the registered external
equipment, and is adapted to designate the destination
20 external equipment from said displayed list.

23. An image reading apparatus according to claim
17, wherein said external equipment has a function of
managing the data files in groups, and said destination
25 designation means includes directory designation means
capable of designating a subdirectory of said
designated external equipment.

002290-EP050960

24. An image reading apparatus according to claim 17, further comprising file format designation means for designating a file format, wherein said output means is adapted to release said entered image data, after conversion into said designated file format.

25. An image reading apparatus according to claim 17, further comprising additional storage means adapted to store said entered image data and constructed separately from the storage means employed in the image input operation by said image reader means, the image forming operation by said image forming means and the image copying operation by said copy process means;

wherein said output means is adapted to read and release the image data stored in said additional storage means.

26. An image reading system composed of an image reading apparatus provided with image reader means for entering an image as read image data, movement instruction means for instructing movement of said entered image data, and movement means for moving said entered image data based on said instruction, and an image processing apparatus provided with memory means for storing said moved image data and communication means for communication with an external equipment:

wherein said image processing apparatus comprises

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transfer means for transferring the image data, stored in said memory means, in response to a request from said external equipment, to the external equipment relating to said request.

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27. An image reading system composed of a network to which connected are an image reading apparatus provided with image reader means for entering an image as read image data, movement instruction means for instructing movement of said entered image data, and movement means for moving said entered image data based on said instruction, plural external equipment, and an image processing apparatus provided with memory means for storing said moved image data:

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wherein said image processing apparatus comprises transfer means for transferring the image data, stored in said memory means, in response to a request from said plural external equipment, to the external equipment relating to said request.

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28. An image reading system according to claim 26, wherein said memory means at least includes a first memory and a non-volatile second memory, wherein said moved image data are once stored in said first memory and then moved to and stored in said second non-volatile memory.

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32. An image reading system according to claim
26, wherein said image reading apparatus includes file
format designation means for designating a file format,
and said memory means is adapted to store the image
5 data, moved from said image reading apparatus, in said
designated file format.

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33. An image reading system according to claim
26, wherein said image reading apparatus includes image
10 process mode designation means for designating an image
process mode, and image process means for applying a
predetermined image process to said entered image data,
based on said designated image process mode, and the
image data subjected to said image process are moved to
15 said memory means.

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